

WHAT THE INVENTION CLAIMED IS

1. A signal adaptor comprising:

a nut having a joint portion at one end, wherein said nut has an inner threading;

a fastening tube having a buckling groove, positioned within said nut, wherein

5 said fastening tube comprises a supporting portion at one end and a tubing portion at the other end, and wherein a distal end of a rear side of said tubing portion is configured into an inclined awl shaped buckling portion;

a tubing element covering around said tubing portion of said fastening tube, wherein a frontal end of said tubing element comprises a conjunctive portion, and an
10 outer flange of said conjunctive portion comprises a receiving circular groove, wherein said conjunctive portion has a receiving hole and is extendable for supporting a surface of said joint portion of said nut, and a rear portion of said receiving hole has a covering hole with larger dimension, and wherein said tubing element has a connecting portion outside of which has a buckling element; and

15 a positioning tube covering around the tubing element, wherein said positioning tube comprises a receiving chamber and said receiving chamber comprises a securing element at one end integrally formed with said positioning tube and a positioning ring formed within the receiving chamber, wherein said securing element comprises a central aperture, and wherein said securing element is made of a rubber
20 material.

2. The signal adaptor according to claim 1, wherein said tubing element comprises a receiving circular groove on said conjunctive portion for placing a pad.

3. The signal adaptor according to claim 1, wherein said tubing element is positioned around said fastening tube engaging with said conjunctive portion of tubing element and said tubing portion of fastening tube fits into said nut such that said pad held in said conjunctive portion of tubing element will come in contact with said joint
5 portion of said nut.

4. The signal adaptor according to claim 1, wherein for connecting said nut with a connecting element of a signal wire, said connecting element is pushed within said tubing element so that said connecting forces said tubing element and said fastening element fitted within said nut such that the conjunctive portion and the joint
10 portion come in contact with said pad at a multiple contact points for forming a tight joint between said conjunctive portion of tubing element and said joint portion of nut.

5. The signal adaptor according to claim 1, wherein said buckling element on said connecting portion of tubing element comprises a fixing ring and a buckling ring.

6. The signal adaptor according to claim 1, wherein said securing element of
15 positioning tube has an inner buckle formed within said central aperture.

7. The signal adaptor according to claim 1, wherein said securing element formed inside said receiving chamber of positioning tube has an outer slopping face at an outer flange.